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PATENT ABSTRACTS OF JAPAN

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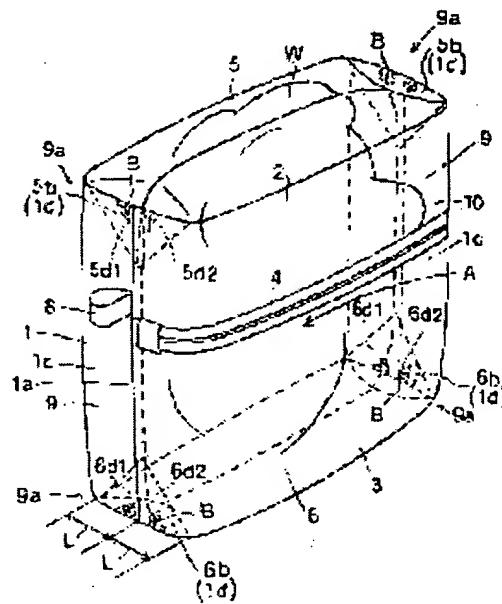
(21)Application number : 07-317317 (71)Applicant : DIA CORP:KK
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(54) WASHING NET

(57)Abstract:

PROBLEM TO BE SOLVED: To simply prepare a washing net having the depth by providing a gusset.

SOLUTION: This washing net formed of a cloth having satisfactory water permeability is provided with a first base part 1, a second base part 2 provided contiguously to one end of the first base part 1 and folded on the first base part 1, a third base part 3 provided contiguously to the other end of the first base part 1 and folded on the first base part 1 and an opening and closing member forming a bag port for interconnecting the ends of the first and second base parts 2, 3 to open and close both parts. Bending portions 5 of the first and third base parts 1, 3 are folded onto the second base part 2 by the half L of a wanted gusset. Thus, the bending portions 6 of the first and third base parts 1, 3 are folded onto the third base part 3 by the half L of the wanted gusset. These of the first, second and third folded parts 1, 2 and 3 and both side edges 1a, 1a of two bending portions 5, 6 are basted to form a bag body and a washing net is formed by turning the bag body inside out.



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CLAIMS

[Claim(s)]

[Claim 1] While folding up only one half of a part needed which is equipped with the following and waits for a bending portion of said 1st base and 2nd base to either on said 1st base or the 2nd base Only one half needed to wait folds up a bending portion of said 1st base and 3rd base to either on said 1st base or the 3rd base. The 1st base of these chip box tatami rare *****, carrying out the top stitching of the 2nd base, the 3rd base, and the edges-on-both-sides section with said two bending portions -- a bag body -- forming -- the front reverse side of this bag body -- ***** -- a wash network characterized by being formed of things. It is the wash network formed in saccate with good cloth of water flow nature, and is the 1st base. The 2nd base which was prepared succeeding an end of this 1st base and was folded up on the 1st base A closing motion member which was connected possible [closing motion of between an edge of said 2nd base, and an edge of said 3rd base] and which makes a bag mouth

[Claim 2] It is the wash network formed in saccate with good cloth of water flow nature. The 1st base, The 2nd base which was prepared succeeding an end of this 1st base and was folded up on the 1st base, It connects possible [closing motion of between an edge of said 1st base, and an edge of the 2nd base]. It has a closing motion member which makes a bag mouth, and only one half of a part needed which waits for a bending portion of said 1st base and 2nd base is folded up to either on said 1st base or the 2nd base. The 1st base of these chip box tatami rare *****, said 2nd base and the edges-on-both-sides section with said bending portion -- a top stitching -- carrying out -- a bag body -- forming -- the front reverse side of this bag body -- ***** -- a wash network characterized by being formed of things.

[Claim 3] It is the wash network formed in saccate with good cloth of water flow nature. The 1st base, A sewing portion which was prepared succeeding an end of this 1st base, was equipped with the 2nd base folded up on the 1st base, and carried out sewing of the edges of said 1st base and 2nd base, Only one half needed to wait folds up a bending portion of said 1st base and 2nd base to up to said 1st base or the 2nd base. The 1st base of these chip box tatami rare *****, connecting the other side edge section possible [closing motion] by closing motion member which makes a bag mouth, while carrying out the top stitching of the 1 side edge section of said 2nd base, a sewing portion of said edges, and said bending portion -- a bag body -- forming -- the front reverse side of this bag body -- ***** -- a wash network characterized by being formed of things.

[Claim 4] It is the wash network formed in saccate with good cloth of water flow nature. The 1st base, It has the 2nd base prepared succeeding an end of this 1st base, and the 3rd base prepared succeeding the other end of said 1st base. By carrying out sewing of an edge of said 2nd base, and the edge of the 3rd base, forming an endless-like object and making this flat While folding up the 2nd base and 3rd base on said 1st base and folding up only one half of a part needed which waits for a bending portion of said 1st base and 3rd base to either on said 1st base or the 2nd base Only one half needed to wait folds up a bending portion of said 1st base and 3rd base to either on said 1st base or the 3rd base. The 1st base of these chip box tatami rare *****, connecting the other side edge section possible [closing motion] by closing motion member which makes a bag mouth, while carrying out the top stitching of the 2nd base, the 3rd base, and the 1 side edge section with said two bending portions -- a bag body -- forming -- the front reverse side of this bag body -- ***** -- a wash network characterized by being formed of things.

[Claim 5] Said cloth is a wash network according to claim 1, 2, 3, or 4 characterized by having texture of a degree which does not let waste thread pass.

[Translation done.]

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DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[The technical field to which invention belongs] This invention relates to a wash network. It is related with the wash network which gave depth to the bag body by preparing **** especially.

[0002]

[Description of the Prior Art] The front view in which drawing 12 shows the conventional wash network, and drawing 13 are the developments of the cloth which forms this wash network.

[0003] In these drawings, 50 is the wash network formed flatly, it folds up the cloth 51 cut out by the rectangle in one half, carries out the top stitching of the edges-on-both-sides sections 51a and 51a, forms a bag body, and is formed by carrying out sewing of the fastener 52 to a upside opening.

[0004] According to such a wash network, the washing in a bag can be washed by opening a fastener 52, containing the washing in a bag, closing a fastener 52, and supplying to a washer.

[0005]

[Problem(s) to be Solved by the Invention] There were the following problems in the conventional wash network mentioned above.

[0006] Since the wash network 50 was formed flatly, it was not able to contain much washing in the bag. In this case, when giving depth to the bag body, it became possible to contain much washing, but as shown in drawing 14, in order to form the wash network which has depth, two or more configuration pieces 60, 61, and 62 were needed, and it had the problem that sewing was troublesome while such a wash network had a complicated decision of cloth.

[0007] This invention solves the above troubles and aims at offering the wash network which can create a bag body with depth easily.

[0008]

[Means for Solving the Problem] In order to attain the above-mentioned object a wash network according to claim 1 It is the wash network formed in saccate with good cloth of water flow nature. The 1st base, The 2nd base which was prepared succeeding an end of this 1st base and was folded up on the 1st base, The 3rd base which was prepared succeeding the other end of said 1st base, and was folded up on the 1st base. Connected possible [closing motion of between an edge of said 2nd base, and an edge of said 3rd base]. While folding up only one half of a part needed which is equipped with a closing motion member which makes a bag mouth, and waits for a bending portion of said 1st base and 2nd base to either on said 1st base or the 2nd base Only one half needed to wait folds up a bending portion of said 1st base and 3rd base to either on said 1st base or the 3rd base. The 1st base of these chip box tatami rare ****, carrying out the top stitching of the 2nd base, the 3rd base, and the edges-on-both-sides section with said two bending portions -- a bag body -- forming -- the front reverse side of this bag body -- ***** -- it is characterized by being formed of things.

[0009] A wash network according to claim 2 is a wash network formed in saccate with good cloth of water flow nature. The 1st base, The 2nd base which was prepared succeeding an end of this 1st base and was folded up on the 1st base, It connects possible [closing motion of between an edge of said 1st base, and an edge of the 2nd base]. It has a closing motion member which makes a bag mouth, and only one half of a part needed which waits for a bending portion of said 1st base and 2nd base is folded up to either on said 1st base or the 2nd base. The 1st base of these chip box tatami rare ****, said 2nd base and the edges-on-both-sides section with said bending portion -- a top stitching -- carrying out -- a bag body -- forming -- the front reverse side of this bag body -- ***** -- it is characterized by being formed of things.

[0010] A wash network according to claim 3 is a wash network formed in saccate with good cloth of water flow nature. The 1st base, A sewing portion which was prepared succeeding an end of this 1st base, was equipped with the 2nd base folded up on the 1st base, and carried out sewing of the edges of said 1st base and 2nd base, Only one half needed to wait folds up a bending portion of said 1st base and 2nd base to up to said 1st base or the 2nd base. The 1st base of these chip box tatami rare ****, connecting the other side edge section possible [closing motion] by closing motion member which makes a bag mouth, while carrying out the top stitching of the 1 side edge section of said 2nd base, a sewing portion of said edges, and said bending portion -- a bag body -- forming -- the front reverse side of this bag body -- ***** -- it is characterized by being formed of things.

[0011] A wash network according to claim 4 is a wash network formed in saccate with good cloth of water flow nature. The 1st base, It has the 2nd base prepared succeeding an end of this 1st base, and the 3rd base prepared succeeding the other end of said 1st base. By carrying out sewing of an edge of said 2nd base, and the edge of the 3rd base, forming an endless-like object and making this flat While folding up the 2nd base and 3rd base on said 1st base and folding up only one half of a part needed which waits for a bending portion of said 1st base and 2nd base to either on said 1st base or the 2nd base Only one half needed to wait folds up a bending portion of said 1st base and 3rd base to either on said 1st base or the 3rd base. The 1st base of these chip box tatami rare ****, connecting the other side edge section possible [closing motion] by closing motion member which makes a bag mouth, while carrying out the top stitching of the 2nd base, the 3rd base, and the 1 side edge section with said two bending portions -- a bag body -- forming -- the front reverse side of this bag body -- ***** -- it is characterized by being formed of things.

[0012] A wash network according to claim 5 is characterized by said cloth having texture of a degree which does not let waste thread pass in a wash network according to claim 1, 2, 3, or 4.

[0013]

[Function and Effect] A wash network according to claim 1 can be created with the following procedures.

[0014] (i) The 2nd base and 3rd base are first folded up on the 1st base.

[0015] (ii) The closing motion member which makes a bag mouth is prepared between the edge of the 2nd base, and the edge of the 3rd base after that.

[0016] (iii) While only the one half needed to wait folds up the bending portion of the 1st base and the 2nd base to either on the 1st base or the 2nd base after that, only the one half needed to wait folds up the bending portion of the 1st base and the 3rd base to either on the 1st base or the 2nd base.

[0017] (iv) The top stitching of the 1st base folded up by doing in this way after that, the 2nd base, and the edges-on-both-sides section with said two bending portions is carried out. Thereby, a bag body is created.

[0018] (v) Next, it is ***** about the front reverse side of the bag body created by doing in this way. Then, the bending portion in the condition of having been folded up to either on the 1st base or the 2nd base is in the condition which entered in the bag body, and it will be folded up between the 1st base and the 2nd base. Moreover, the bending portion in the condition of having been folded up to either on the 1st base or the 3rd base is in the condition which entered in the bag body, and it will be folded up between the 1st base and the 3rd base.

[0019] (vi) If a bag body is opened after that, while the ends portion of the bending portion currently folded up between the 1st base and the 2nd base will spread in the shape of a triangle, the ends portion of the bending portion currently folded up between the 1st base and the 3rd base is formed in the shape of a triangle, and **** is formed in a bag body of breadth and this. [0020] Thus, a bag body with the depth equipped with **** can be easily created by folding up and carrying out sewing of the one cloth, without passing through the troublesome fabrication process of judging two or more configuration pieces like before, and sewing this up according to the wash network according to claim 1.

[0021] And in the process which carries out sewing of the bag body, since sewing of the bending portion for forming **** will be carried out simultaneously, the effect of the formation for which it becomes unnecessary to perform special sewing for forming ****, and waits being easy, and being easy to create it is acquired.

[0022] Moreover, since **** will be formed when only the one half needed to wait folds up a bending portion to the 1st base up etc., by changing the amount of folding of a bending portion, the magnitude for which it waits simply can be changed and the bag body with which depth differs can be created easily.

[0023] A wash network according to claim 2 can be created with the following procedures.

[0024] (i) The 2nd base is first folded up on the 1st base.

[0025] (ii) The closing motion member which makes a bag mouth is prepared between the edge of the 1st base, and the edge of the 2nd base after that.

[0026] (iii) Only the one half needed to wait folds up the bending portion of the 1st base and the 2nd base to either on the 1st base or the 2nd base after that.

[0027] (iv) The top stitching of the 1st base folded up by doing in this way after that, the 2nd base, and the edges-on-both-sides section with a bending portion is carried out. Thereby, a bag body is created.

[0028] (v) Next, it is ***** about the front reverse side of the bag body created by doing in this way. Then, a bending portion is in the condition which entered in the bag body, and it will be folded up from the condition currently folded up to either on the 1st base or the 2nd base between the 1st base and the 2nd base.

[0029] (vi) If a bag body is opened after that, the ends portion of the bending portion currently folded up between the 1st base and the 2nd base will be formed in the shape of a triangle, and **** will be formed in a bag body of breadth and this.

[0030] Thus, a bag body with the depth equipped with **** can be easily created by folding up and carrying out sewing of the one cloth, without passing through the troublesome fabrication process of judging two or more configuration pieces like before, and sewing this up according to the wash network according to claim 2.

[0031] And in the process which carries out sewing of the bag body, since sewing of the bending portion for forming **** will be carried out simultaneously, in order to form ****, the effect of the formation for which it becomes unnecessary to perform special sewing and waits being easy, and being easy to create it is acquired.

[0032] Moreover, since **** will be formed more only for the one half needed to wait to fold up a bending portion to either on the 1st base or the 2nd base, by changing the amount of folding of a bending portion, the magnitude for which it waits simply can be changed and the bag body with which depth differs can be created easily.

[0033] Moreover, compared with the wash network according to claim 1 mentioned above, a part with few bending portions and the advantage of being easy to create are also acquired.

[0034] A wash network according to claim 3 can be created with the following procedures.

[0035] (i) The 2nd base is first folded up on the 1st base.

[0036] (ii) Sewing of the edges of the 1st base and the 2nd base is carried out after that.

[0037] (iii) Only the one half needed to wait folds up this sewing portion and the bending portion of the 1st base and the 2nd base to either on the 1st base or the 2nd base after that.

[0038] (iv) While carrying out the top stitching of the 1 side edge section of the 1st base folded up by doing in this way after that, the 2nd base, a sewing portion, and a bending portion, the other side edge section is connected by the closing motion member which can be opened and closed and which makes a bag mouth. Thereby, a bag body is created.

[0039] (v) Next, it is ***** about the front reverse side of the bag body created by doing in this way. Then, from the condition currently folded up to either on the 1st base or the 2nd base, it is in the condition which entered in the bag body, and will be folded up by a sewing portion and the bending portion between the 1st base and the 2nd base, respectively.

[0040] (vi) If a bag body is opened after that, the ends portion of a sewing portion and the ends portion of a bending portion which were folded up between the 1st base and the 2nd base will be formed in the shape of a triangle, and **** will be formed in a bag body of breadth and this.

[0041] Thus, a bag body with the depth equipped with **** can be easily created by folding up and carrying out sewing of the one cloth, without passing through the troublesome fabrication process of judging two or more configuration pieces like before, and sewing this up according to the wash network according to claim 3.

[0042] And in the process which carries out sewing of the bag body, since sewing of the bending portion for forming **** will be carried

out simultaneously, in order to form *****, the effect of the formation for which it becomes unnecessary to perform special sewing and waits being easy, and being easy to create it is acquired.

[0043] Moreover, since **** will be formed when only the one half needed to wait folds up a sewing portion and a bending portion to either on the 1st base or the 2nd base, by changing the amount of folding of a sewing portion and a bending portion, the magnitude for which it waits simply can be changed and the bag body with which depth differs can be created easily.

[0044] A wash network according to claim 4 can be created with the following procedures.

[0045] (i) First, sewing of the edge of the 2nd base and the edge of the 3rd base is carried out, and an endless-like object is formed.

[0046] (ii) The 2nd base and 3rd base are folded up on the 1st base by making this endless-like object flat after that.

[0047] (iii) Next, while only the one half needed to wait folds up the bending portion of the 1st base and the 2nd base to up to the 1st base or the 2nd base, only the one half needed to wait folds up the bending portion of the 1st base and the 3rd base to up to the 1st base or the 3rd base.

[0048] (iv) While carrying out the top stitching of the 1st base folded up by doing in this way after that, the 2nd base, the 3rd base, and the 1 side edge section with said two bending portions, the other side edge section is connected by the closing motion member which can be opened and closed and which makes a bag mouth. Thereby, a bag body is created.

[0049] (v) Next, it is ***** about the front reverse side of this bag body. Then, the bending portion in the condition of having been folded up on the 1st base or the 2nd base is in the condition which entered in the bag body, and it will be folded up between the 1st base and the 2nd base. Moreover, the bending portion in the condition of having been folded up on the 1st base or the 3rd base is in the condition which entered in the bag body, and it will be folded up between the 1st base and the 3rd base.

[0050] (vi) A bag body is opened after that. Then, the ends portion of a bending portion is formed in the shape of a triangle, and **** is formed in a bag body of breadth and this.

[0051] Thus, a bag body with the depth equipped with **** can be easily created by folding up and carrying out sewing of the one cloth, without passing through the troublesome fabrication process of judging two or more configuration pieces like before, and sewing this up according to the storage bag according to claim 4.

[0052] And in the process which carries out sewing of the bag body, since sewing of the bending portion for forming **** will be carried out simultaneously, in order to form ****, the effect of the formation for which it becomes unnecessary to perform special sewing and waits being easy, and being easy to create it is acquired.

[0053] Moreover, since **** will be formed when only the one half needed to wait folds up a bending portion to the 1st base up etc., by changing the amount of folding of two bending portions, the magnitude for which it waits simply can be changed and the bag body with which depth differs can be created easily.

[0054] According to the wash network according to claim 5, the following operation effects are acquired.

[0055] If a wash network is fed into a washer, it will be rubbed according to the stream of a washer. Thereby, contaminants, such as waste thread, come out from the washing contained in the bag.

[0056] According to the wash network according to claim 5, in a wash network according to claim 1, 2, 3, or 4, since the cloth used for a wash network has the texture of the degree which does not let waste thread pass, out of a bag, the waste thread which came out of the washing in a bag leaks, and does not come. Therefore, the waste thread which came out of the washing in a bag is not attached to other washing in laundry sink.

[0057] On the other hand, when a wash network is rubbed within laundry sink, wash water mainly invades in a bag from the front face of a bag center section, and is in the inclination mainly discharged out of a bag through a corner in a bag.

[0058] By the flow of such wash water, the waste thread which came out of the washing in a bag moves more often toward a corner in a bag.

[0059] On the other hand, if the washing is contained with a wash network, a wash network swells, ends portions, such as a bending portion by which only the one half needed to wait was folded up, will spread in the shape of a triangle, and a triangle-like pocket will be formed in the corner of a bag body. By this, the waste thread which has moved toward a corner will flow into this pocket with wash water, and will be collected in a pocket. And since the portion which spread in the shape of [of a pocket] a triangle is close to the 1st base near the corner etc., the washing stops easily being able to contact the waste thread which the washing contained in the bag stopped being able to enter easily in a pocket, and gathered for the pocket.

[0060] Therefore, waste thread etc. and the washing will be separated within a bag and the washing contained in the wash network can be washed finely.

[0061] [Embodiment of the Invention] Hereafter, the gestalt of operation of this invention is explained with reference to a drawing.

[0062] <gestalt of the 1st operation> drawing 1 shows the gestalt of implementation of the 1st of the wash network concerning this invention -- a fluoroscopy perspective diagram and drawing 2 (a) are explanatory drawings in which front view and drawing 2 (b) showed the b-b end-of-line side Fig. of drawing 2 (a), and the amplification end view of a fastener mounting area and drawing 3 (a) - (h) showed the creation procedure of a wash network as for drawing 2 (c) a part. In addition, f-f end view [in / in drawing 3 (f) / drawing 3 (e)] and drawing 3 (h) are the h-h end view in drawing 3 (g).

[0063] As shown in drawing 1, the wash network of the gestalt of this operation has the 1st base 1, the 2nd base 2, and the 3rd base 3, and is formed by folding up and carrying out sewing of these. 9 and 9 were formed in the both-sides sections 1c and 1c of a bag body -- it comes out. 1d and 1d, it is a triangular area for waiting and forming 9 and 9, and as it mentions later, it is formed in corner 9a of the four corners of a bag body. 4 is a fastener as a closing motion member which makes a bag mouth.

[0064] Such a wash network that waited and was equipped with 9 and 9 is created in the following procedures.

[0065] (i) First, as shown in drawing 3 (a), the cloth 10 cut out by the rectangle is prepared. A material with the texture of the degree which there is water flow nature and does not let waste thread pass as cloth 10, for example, the cloth equipped with a fine mesh etc., is adopted.

[0066] (ii) As shown in drawing 3 (b), the edges 2a and 3a of the 2nd base 2 and the 3rd base 3 are connected through a fastener 4, and an endless-like object is formed. In addition, if it has another way of speaking, an endless-like object will be formed by connecting the ends edge of cloth 10 with a fastener. As shown in drawing 2 (c), it is turned up, and sewing of the edge 3a of the 3rd base 3 is carried out so that rear-face 4c of a fastener 4 may be covered, and it is making the role of a wrap bonnet piece for the background of a fastener 4. In addition, 4a and 4b are bias tape.

[0067] (iii) Next, as shown in drawing 3 (c), the 2nd base 2 and 3rd base 3 are folded up on the 1st base 1 by making this endless-like

object flat. And as shown in drawing 3 (c) and (d), while only the one half L needed to wait folds up the bending portion 5 of the 1st base 1 and the 2nd base 2 on the 2nd base 2, only the one half L needed to wait folds up the bending portion 6 of the 1st base 1 and the 3rd base 3 on the 3rd base 3.

[0068] (iv) -- the edges-on-both-sides sections 1a and 1a of the 1st base 1 folded up by doing in this way, the 2nd base 2, the bending portion 5, and the bending portion 6 are shown in drawing 3 (e) -- as -- bias tape 7 and 7 -- reliance -- *** -- sewing is carried out. Moreover, sewing also of the tongue 8 is carried out together in this case. Thereby, as shown in drawing 3 (e) and (f), the bending portion 5 is folded up on the 2nd base 2, and the bag body with which the 2nd bending portion 6 was folded up is formed on the 3rd base 3.

[0069] (v) Next, it is ***** about the front reverse side of this bag body. Then, as shown in drawing 3 (g) and (h), the bending portion 5 is in the condition which entered in the bag body, and it will be folded up between the 1st base 1 and the 2nd base 2. Moreover, similarly, the bending portion 6 is in the condition which entered in the bag body, and it will be folded up between the 1st base 1 and the 3rd base 3.

[0070] (vi) A bag body is opened after that. Then, while the bending portion 5 currently folded up between the 1st base 1 and the 2nd base 2 spreads, the bending portion 6 currently folded up between the 1st base 1 and the 3rd base 3 spreads.

[0071] As shown in drawing 3 (e), in this case, the both ends 5a and 5a of the bending portion 5 Since it is sewn on the edges-on-both-sides sections 1a and 1a and the both ends 6a and 6a of the bending portion 6 are also sewn on the edges-on-both-sides sections 1a and 1a If a bag body spreads, as the ends portions (near portion of both ends) 5b and 5b of the bending portion 5 and the ends portions 6b and 6b of the bending portion 6 show drawing 1, breadth and 1d of triangular areas for waiting and forming 9 and 9 will be formed in the shape of a triangle, respectively.

[0072] A wash network with the depth which waited and was equipped with 9 and 9 by this is formed.

[0073] A bag body with the depth which waited and was equipped with 9 and 9 can be easily created by folding up and carrying out sewing of the one cloth 10, without passing through the troublesome fabrication process of judging two or more configuration pieces like before, and sewing this up according to the wash network of the gestalt of this operation mentioned above.

[0074] And since sewing of the bending portions 5 and 6 for waiting and forming 9 and 9 simultaneously in the process which carries out sewing of the bag body will be carried out, it becomes unnecessary to perform special sewing for waiting and forming 9 and 9, and waits, and the effect of formation of 9 and 9 being easy and being easy to create it is acquired.

[0075] Moreover, since it will wait and 9 and 9 will be formed by folding up only the one half L of the part needed which waits for the bending portions 5 and 6 to the 2nd base 2 up one etc., by changing the amount of folding of the bending portions 5 and 6, the magnitude for which it waits simply can be changed and the bag body with which depth differs can be created easily.

[0076] Furthermore, since cloth 10 has the texture of the degree which does not let waste thread pass according to the wash network of the gestalt of this operation, the following operation effects are acquired.

[0077] That is, when a wash network is fed into a washer, it will be rubbed according to the stream of a washer and contaminants, such as waste thread B, will come out from the washing W contained in the bag. However, since it has the texture of the degree to which the cloth 10 used for a wash network does not let waste thread pass, it is lost that the waste thread B which came out of the washing W in a bag leaks and comes out of a bag. Therefore, the effect that the waste thread B which came out of the washing W in a bag is not attached to other washing in laundry sink is acquired.

[0078] On the other hand, when a wash network is rubbed within laundry sink, wash water mainly invades in a bag from the front face of the bag center section A, and is in the inclination mainly discharged out of a bag through corner 9a of a bag body.

[0079] By the flow of such wash water, the waste thread B which came out of the washing W in a bag moves more often toward corner 9a in a bag.

[0080] A wash network will swell, if Washing W is contained as shown in drawing 1, the ends portions 5b, 5b, 6b, and 6b of the bending portions 5 and 6 spread in the shape of a triangle, respectively, and 1d of triangular areas is formed in corner 9a, respectively (to a total of eight places). Since they will spread in the shape of a triangle as are shown in drawing 1 and 4, and they are turned up along with flank 1c of a bag body if 1d of triangular areas explains what is formed in the upper left section of a bag body Between 1d of this triangular area, and the 1st base 1 and the 2nd base 2, triangle-like 1 [pocket 5d] and 5d2 will be formed bordering on side edge section 1a, respectively (setting to drawing 4 pocket 5d only 1 side graphic display). Such pocket 5d1 and 5d2 are similarly formed in corner 9a of the upper right portion of a bag body. Moreover, also in corner 9a of the left lower right section of a bag body, triangle-like 1 [pocket 6d] and 6d2 will be formed, respectively between 1d of triangular areas, and the 1st base 1 and the 3rd base 3.

[0081] By this, the waste thread B which has moved toward corner 9a will flow into these pocket 5d1, 5d2, 6d1, and 6d2 with wash water, and will be collected in a pocket.

[0082] moreover -- each -- the washing W contained in the bag in each pocket since pocket 5d1 and 1d of triangular areas which form 2 [5d2 or 6d1 or 6d] were close to the 1st base 1 near the corner 9a, or the 2nd base 2 grade, respectively -- entering -- being hard -- Washing W stops easily being able to contact the waste thread B which gathered in the pocket

[0083] Therefore, waste thread B etc. and Washing W will be separated within a bag, and the effect that the washing W contained in the wash network can be washed finely is acquired.

[0084] <gestalt of the 2nd operation> drawing 5 shows the gestalt of implementation of the 2nd of the wash network concerning this invention -- fluoroscopy perspective diagram and drawing 6 (a) - (g) is explanatory drawing showing the creation procedure of a wash network a part. In addition, e-e end view [in / in drawing 6 (e) / drawing 6 (d)] and drawing 6 (g) are the g-g end view in drawing 6 (f).

[0085] The place where the wash network of the gestalt of this operation differs from the wash network of the gestalt of operation of the above 1st is in the point that the triangular areas 11b and 11b for waiting and forming 12 and 12 are formed only in the lower part side of a bag body.

[0086] In drawing 5, 11 is a wash network, it waits in the both-sides sections 11a and 11a, and 12 and 12 are formed in them. 11b and 11b are the triangular areas for waiting and forming 12 and 12, and are prepared in the lower part of the both-sides sections 11a and 11a. Such a wash network 11 that waited and was equipped with 12 and 12 is created in the following procedures.

[0087] (i) First, as shown in drawing 6 (a), the cloth 13 cut out by the rectangle is prepared. In this drawing, 13a is the 1st base and the 2nd base which 13b followed the end of this 1st base 13a, and was prepared.

[0088] (ii) Next, as shown in drawing 6 (b), 2nd base 13b is folded up on 1st base 13a. Then, the fastener 4 which makes a bag mouth is formed between 13d of edges of 1st base 13a, and edge 13e of 2nd base 13b.

[0089] (iii) As shown in drawing 6 (b) and (c) after that, only the one half L needed to wait folds up the bending portion 14 of 1st base 13a

and 2nd base 13b on 2nd base 13b.

[0090] (iv) -- the edges-on-both-sides sections 13c and 13c with the bending portion 14 are indicated to be 1st base 13a folded up by doing in this way after that, and 2nd base 13b to drawing 6 (d) -- as -- the bias tape 15 -- reliance -- **** -- a top stitching is carried out. Thereby, as shown in drawing 6 (d) and (e), the bag body with which the bending portion 14 was folded up on 2nd base 13b is created.

[0091] (v) Next, it is ***** about the front reverse side of this bag body. Then, as shown in drawing 6 (f) and (g), the bending portion 14 is in the condition which entered in the bag body, and it will be folded up between 1st base 13a and 2nd base 13b.

[0092] (vi) A bag body is opened after that. Then, the bending portion 14 currently folded up between 1st base 13a and 2nd base 13b spreads. As shown in drawing 6 (d), in this case, the ends edges 14a and 14a of the bending portion 14 Since the top stitching is carried out to the edges-on-both-sides sections 13c and 13c of 1st base 13a and 2nd base 3b, when a bag body spreads, the ends portions 14b and 14b of the bending portion 14 As shown in drawing 5, breadth and the triangular areas 11b and 11b for waiting and forming 12 and 12 are formed in the shape of a triangle by making Crownings 14c and 14c into top-most vertices. Thereby, it waits to the flank of a bag body and 12 and 12 are formed.

[0093] Thus, a bag body with the depth which waited and was equipped with 12 and 12 can be easily created by folding up and carrying out sewing of the one cloth 13, without passing through the troublesome fabrication process of judging two or more configuration pieces like before, and sewing this up according to the wash network of the gestalt of this operation.

[0094] And since sewing of the bending portion 14 for waiting and forming 12 and 12 simultaneously in the process which carries out sewing of the bag body will be carried out, it becomes unnecessary to perform special sewing for waiting and forming 12 and 12, and waits, and the effect of formation of 12 and 12 being easy and being easy to create it is acquired.

[0095] Moreover, since it will wait 12 and 12 will be formed when it waits for the bending portion 14 and only the one half L of the part of 12 and 12 needed folds it up to the 2nd base 13b up etc., by changing the amount of folding of the bending portion 14, it can wait easily, the magnitude of 12 and 12 can be changed, and the bag body with which depth differs can be created easily.

[0096] Furthermore, according to the wash network of the gestalt of this operation, the operation effect which the wash network of the gestalt of operation of the above 1st explained by the way, and the same operation effect are acquired by adopting a thing with the texture of the degree which does not let waste thread pass as cloth 13.

[0097] It is lost that the waste thread B which came out of the washing W in a bag leaks and comes out of a bag, and the waste thread B which came out of the washing W in a bag stops namely, attaching to other washing in laundry sink.

[0098] On the other hand, a total of four pocket 11C 11C [1 and] 2 of the shape of same triangle as what the gestalt of implementation of the above 1st explained to corner 9a of a bag body by the way will be formed, and the waste thread B which has moved to this pocket 11C 11C [1 and] 2 toward corner 9a according to the stream from the bag body center section A will be collected.

[0099] Moreover, since 11d of triangular areas which form each pocket 11C 11C [1 and] 2 is close to 1st base 13a near the corner 9a, or 2nd base 13b, respectively. Washing W stops easily being able to contact the waste thread B which the washing W contained in the bag stopped being able to enter easily in a pocket, and gathered in the pocket.

[0100] Therefore, waste thread B etc. and Washing W will be separated within a bag, and the effect that the washing W contained in the wash network can be washed finely is acquired.

[0101] <gestalt of the 3rd operation> drawing 7 shows the gestalt of implementation of the 3rd of the wash network concerning this invention -- fluoroscopy perspective diagram and drawing 8 (a) - (g) is explanatory drawing having shown the creation procedure of a wash network a part. In addition, e-e end view [in / in drawing 8 (e) / drawing 8 (d)] and drawing 8 (g) are the g-g end view in drawing 8 (f).

[0102] The place where the storage bag of the gestalt of this operation differs from the storage bag of the gestalt of implementation of the above 2nd is in the point that the triangular areas 32 and 32 for waiting and forming 30a and 30a are formed also in the upper part side of a bag body.

[0103] Such a storage bag 30 that waited and was equipped with 30a and 30a is created in the following procedures.

[0104] (i) First, as shown in drawing 8 (a), the cloth 33 cut out by the rectangle is prepared.

[0105] In this drawing, 33a is the 1st base and the 2nd base which 33b followed the end of this 1st base 33a, and was prepared.

[0106] (ii) Next, as shown in drawing 8 (b), 2nd base 33b is folded up on 1st base 33a. and both-ends 33c of 1st base 33a and 2nd base 33b and 33c -- bias tape 33d -- reliance -- **** -- sewing is carried out.

[0107] (iii) it is shown in drawing 8 (b) and (c) after that -- as -- said bias tape 33d -- reliance -- **** -- only the one half L needed to wait folds up the sewing portion 34 which carried out sewing, and the bending portion 35 of 1st base 33a and 2nd base 33b on 2nd base 33b, respectively.

[0108] (iv) -- the 1 side edge section 36 of 1st base 33a folded up by doing in this way after that, 2nd base 33b, the sewing portion 34, and the bending portion 35 is shown in drawing 8 (d1) -- as -- bias tape 37 -- reliance -- **** -- a top stitching is carried out. Moreover, the fastener 4 as a closing motion member which makes the bag mouth of a bag body is formed in other side edge section 36a. If the attaching-by-sewing method of a fastener 4 is explained concretely, as shown in drawing 8 (d2) After opening other side edge section 36a of a bag body to the typeface of RO, one side 4a of a fastener 4 is sewn on the top chord 33a1 (portion shown by the drawing middle point line) of 1st base 33a. The top chord 33b1 of 2nd base 33b, Side 4b of another side of a fastener 4 is sewn on the top chord 34a1 of the sewing portion 34 and the bending portion 35, and 35a1 (portion shown by the drawing solid line). Thereby, as shown in drawing 8 (d1) and (e), the bag body with which the sewing portion 34 and the bending portion 35 were folded up on 2nd base 33b is created.

[0109] (v) Next, it is ***** about the front reverse side of this bag body. Then, the sewing portion 34 and the bending portion 35 are in the condition which entered in the bag body as shown in drawing 8 (f) and (g), and it will be folded up between 1st base 33a and 2nd base 33b.

[0110] (vi) A bag body is opened after that. Then, the sewing portion 34 and the bending portion 35 which were folded up between 1st base 33a and 2nd base 33b spread. As shown in drawing 8 (d1), in this case, 1 side edge section 34a of the sewing portion 34 and 1 side edge section 35a of the bending portion 35 Since the top stitching is carried out to the 1 side edge section 36 of 1st base 33a and 2nd base 33b If a bag body spreads, as 1 side-edge partial 34b of the sewing portion 34 and 1 side-edge partial 35b of the bending portion 35 show drawing 7, breadth and the triangular areas 32 and 32 for waiting and forming 30a and 30a will be formed in the pars basilaris ossis occipitalis of a bag body in the shape of a triangle.

[0111] As shown in drawing 8 (d1), moreover, other side edge section 34c of the sewing portion 34 and other side edge section 35c of the bending portion 35 Since it connects with other side edge section 36a of 1st base 33a and 2nd base 33b with the fastener 4 If a bag body spreads, as 35d of other side edge portions of 34d of other side edge portions of the sewing portion 34 and the bending portion 35 shows

drawing 7, breadth and the triangular areas 32 and 32 for waiting and forming 30a and 30a will be formed in the upper part of a bag body in the shape of a triangle.

[0112] Thereby, it waits to the flank of a bag body and 30a and 30a are created.

[0113] Thus, a bag body with the depth which waited and was equipped with 30a and 30a can be easily created by folding up and carrying out sewing of the one cloth 33, without passing through the troublesome fabrication process of judging two or more configuration pieces like before, and sewing this up according to the wash network of the gestalt of this operation.

[0114] And since sewing of the sewing portion 34 and the bending portion 35 for waiting and forming 30a and 30a simultaneously in the process which carries out sewing of the bag body will be carried out, it becomes unnecessary to perform special sewing for waiting and forming 30a and 30a, and waits, and the effect of formation of 30a and 30a being easy, and being easy to create it is acquired.

[0115] Moreover, since it will wait and 30a and 30a will be formed by folding up only the one half L of the part needed which waits for the sewing portion 34 and the bending portion 35 on 2nd base 33b, respectively, the advantage that the magnitude for which it waits simply is changeable is also acquired by changing the amount of folding of the sewing portion 34 and the bending portion 35.

[0116] In addition, although the sewing portion 34 and the bending portion 35 were folded up on 2nd base 33b and the bag body was formed with the gestalt of this operation, it may fold up on 1st base 33a, and a bag body may be formed. Moreover, either may be folded up on 1st base 33a among the sewing portion 34 and the bending portion 35, another side may be folded up on 2nd base 33b, and a bag body may be formed.

[0117] Furthermore, according to the wash network of the gestalt of this operation, the operation effect which the wash network of the gestalt of operation of the above 1st explained by the way, and the same operation effect are acquired by adopting a thing with the texture of the degree which does not let waste thread pass as cloth 33.

[0118] It is lost that the waste thread B which came out of the washing W in a bag leaks and comes out of a bag, and the waste thread B which came out of the washing W in a bag stops namely, attaching to other washing in laundry sink.

[0119] On the other hand, like what the gestalt of implementation of the above 1st explained to corner 9a of a bag body by the way, pocket 32C 32C [1 and]2 of the shape of a total of eight triangle will be formed, and the waste thread B which has moved to this pocket 32C 32C [1 and]2 toward corner 9a according to the stream from the bag body center section A will be collected.

[0120] Moreover, since the triangular area 32 which forms each pocket 32C 32C [1 and]2 is close to the 1st base 1 and 2nd base 2 near the corner 9a, respectively, in a pocket, the washing W contained in the bag cannot enter easily, and Washing W stops easily being able to contact the waste thread B which gathered in the pocket.

[0121] Therefore, waste thread B etc. and Washing W will be separated within a bag, and the effect that the washing W contained in the wash network can be washed finely is acquired.

[0122] In addition, as shown in drawing 9, a fastener 4 may be sewn on to the limit of the bag mouth 39 formed by changing into the condition of having developed the sewing portion 34 in other side edge section 36a, and the bending portion 35. Thus, by attaching a fastener 4, compared with the 3rd wash network of the gestalt of operation, a bag mouth 39 can be made large, and the effect mentioned above of becoming easy to perform receipts and payments of the washing is acquired.

[0123] <gestalt of the 4th operation> drawing 10 shows the gestalt of implementation of the 4th of the wash network concerning this invention -- fluoroscopy perspective diagram and drawing 11 (a) - (g) is explanatory drawing having shown the creation procedure of a wash network a part. In addition, e-e end view [in / in drawing 11 (e) / drawing 11 (d)] and drawing 11 (g) are the g-g end view in drawing 11 (f).

[0124] The place where the wash network of the gestalt of this operation differs from the wash network of the gestalt of operation of the above 3rd is in the point which the edges (42d, 42e) of cloth 42 joined by stitching, and has arranged the portion 43 to the transverse-plane side of a bag body, and there is no change in other points.

[0125] In drawing 10, it is a triangular area to have formed 40 in 41 and have formed [which it waits and 40a waits and forms 41 and 41] a storage bag and 41 in the flank of a storage bag 40.

[0126] Such a storage bag 40 that waited and was equipped with 41 and 41 is created in the following procedures.

[0127] (i) First, as shown in drawing 11 (a), the cloth 42 cut out by the rectangle is prepared.

[0128] In this drawing, they are the 2nd base in which 42a followed the end of this 1st base 42a, and the 1st base and 42b were prepared for it, and the 3rd base which 42c followed the other end of 1st base 42a, and was prepared.

[0129] (ii) Next, as shown in drawing 11 (b), sewing of 42d of edges of 2nd base 42b and the edge 42e of 3rd base 42c is carried out, and an endless-like object is formed. In addition, if it has another way of speaking, an endless-like object will be formed by carrying out sewing of the ends edge of cloth 42.

[0130] (iii) As shown in drawing 11 (c) after that, 2nd base 42b and 3rd base 42c are folded up on 1st base 42a by making this endless-like object flat.

[0131] (iv) As shown in drawing 11 (c) and (d) after that, while only the one half L needed to wait folds up the bending portion 44 of 1st base 42a and 2nd base 42b to up to 2nd base 42b, only the one half L needed to wait folds up the bending portion 45 of 1st base 42a and 3rd base 42c to up to 3rd base 42c.

[0132] (iv) -- the 1 side edge section 46 of 1st base 42a folded up by doing in this way after that, 2nd base 42b, 3rd base 42c, and said two bending portions 44 and 45 -- bias tape 47 -- reliance -- **** -- a top stitching is carried out. Then, the fastener 4 as a closing motion member which makes the bag mouth of a bag body is formed in other side edge section 46a by the attaching-by-sewing method in the gestalt of the 3rd operation, and the same method. Thereby, as shown in drawing 11 (d) and (e), the bag body with which the bending portion 44 was folded up on 2nd base 42b, and the bending portion 45 was folded up on 3rd base 42c is created.

[0133] (v) Next, it is ***** about the front reverse side of this bag body. Then, as shown in drawing 11 (f) and (g), the bending portion 44 is in the condition which entered in the bag body, and it will be folded up between 1st base 42a and 2nd base 42b. Moreover, it will be similarly folded up by the bending portion 45 between 1st base 42a and 3rd base 42c.

[0134] (vi) If a bag body is opened after that, while the bending portion 44 currently folded up between 1st base 42a and 2nd base 42b will spread, the bending portion 45 currently folded up between 1st base 42a and 3rd base 42c spreads.

[0135] As shown in drawing 11 (d), in this case, 1 side edge section 44a of the bending portion 44 Since sewing is carried out to the 1 side edge section 46 and sewing also of the 1 side edge section 45a of the bending portion 45 is similarly carried out to the 1 side edge section 46 If a bag body is opened, as 1 side-edge partial 44b of the bending portion 44 and 1 side-edge partial 45b of the bending portion 45 show drawing 10, breadth and the triangular areas 40a and 40a for waiting and forming 41 and 41 will be formed in the corners 9a and 9a of the

lower part of a bag body in the shape of a triangle, respectively.

[0136] Moreover, since other side edge section 44c of the bending portion 44 is connected with other side edge section 46a with the fastener 4 and other side edge section 45c of the bending portion 45 is similarly connected with other side edge section 46a with the fastener 4 If a bag body is opened, as 44d of other side edge portions of the bending portion 44 and 45d of other side edge portions of the bending portion 45 show drawing 10, breadth and the triangular areas 40a and 40a for waiting and forming 41 and 41 will be formed in the corners 9a and 9a of the upper part of a bag body in the shape of a triangle, respectively.

[0137] Thereby, it waits to the flank of a bag body and 41 and 41 are formed.

[0138] Thus, a bag body with the depth which waited and was equipped with 41 and 41 can be easily created by folding up and carrying out sewing of the one cloth 42, without passing through the troublesome fabrication process of judging two or more configuration pieces like before, and sewing this up according to the wash network of the gestalt of this operation.

[0139] And since sewing of the bending portions 44 and 45 for waiting and forming 41 and 41 simultaneously in the process which carries out sewing of the bag body will be carried out, it becomes unnecessary to perform special sewing for waiting and forming 41 and 41, and waits, and the effect of formation of 41 and 41 being easy and being easy to create it is acquired.

[0140] Moreover, since it will wait and 41 and 41 will be formed by folding up only the one half L of the part needed which waits for the bending portions 44 and 45 to the 2nd base 42b up etc., the advantage that the magnitude for which it waits simply is changeable is also acquired by changing the amount of folding of two bending portions 44 and 45.

[0141] Furthermore, according to the wash network of the gestalt of this operation, the operation effect which the wash network of the gestalt of operation of the above 1st explained by the way, and the same operation effect are acquired by adopting a thing with the texture of the degree which does not let waste thread pass as cloth 42.

[0142] The waste thread B which the waste thread B which came out of the washing W in a bag leaked, did not come out of the bag, and came out of the washing W in a bag stops namely, attaching to other washing in laundry sink.

[0143] On the other hand, like what the gestalt of the 1st operation explained to corner 9a of the four corners of a bag body by the way, pocket 40C 40C [1 and]2 of the shape of a total of eight triangle will be formed, and the waste thread B which has moved to this pocket 40C 40C [1 and]2 toward corner 9a according to the stream from the bag body center section A will be collected.

[0144] Moreover, since triangular area 40a which forms each pocket 40C 40C [1 and]2 is close to the 1st base 1 near the corner 9a, or the 2nd base 2 grade, respectively, in a pocket, the washing W contained in the bag cannot enter easily, and Washing W stops easily being able to contact the waste thread B which gathered in the pocket.

[0145] Therefore, waste thread B etc. and Washing W will be separated within a bag, and the effect that the washing W contained in the wash network can be washed finely is acquired.

[0146] As mentioned above, although the operation gestalt of this invention was explained, this invention is not limited to the above-mentioned operation gestalt, and deformation implementation is possible for it suitably within the limits of the summary of this invention.

[0147] For example, it is not necessary to necessarily use bias tape about sewing of the top stitching portion in the gestalt of each above-mentioned implementation.

[0148]

[Translation done.]

* NOTICES *

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1. This document has been translated by computer. So the translation may not reflect the original precisely.
2. **** shows the word which can not be translated.
3. In the drawings, any words are not translated.

EFFECT OF THE INVENTION

[Function and Effect] A wash network according to claim 1 can be created with the following procedures.

- [0014] (i) The 2nd base and 3rd base are first folded up on the 1st base.
- [0015] (ii) The closing motion member which makes a bag mouth is prepared between the edge of the 2nd base, and the edge of the 3rd base after that.
- [0016] (iii) While only the one half needed to wait folds up the bending portion of the 1st base and the 2nd base to either on the 1st base or the 2nd base after that, only the one half needed to wait folds up the bending portion of the 1st base and the 3rd base to either on the 1st base or the 2nd base.
- [0017] (iv) The top stitching of the 1st base folded up by doing in this way after that, the 2nd base, and the edges-on-both-sides section with said two bending portions is carried out. Thereby, a bag body is created.
- [0018] (v) Next, it is ***** about the front reverse side of the bag body created by doing in this way. Then, the bending portion in the condition of having been folded up to either on the 1st base or the 2nd base is in the condition which entered in the bag body, and it will be folded up between the 1st base and the 2nd base. Moreover, the bending portion in the condition of having been folded up to either on the 1st base or the 3rd base is in the condition which entered in the bag body, and it will be folded up between the 1st base and the 3rd base.
- [0019] (vi) If a bag body is opened after that, while the ends portion of the bending portion currently folded up between the 1st base and the 2nd base will spread in the shape of a triangle, the ends portion of the bending portion currently folded up between the 1st base and the 3rd base is formed in the shape of a triangle, and **** is formed in a bag body of breadth and this.
- [0020] Thus, a bag body with the depth equipped with **** can be easily created by folding up and carrying out sewing of the one cloth, without passing through the troublesome fabrication process of judging two or more configuration pieces like before, and sewing this up according to the wash network according to claim 1.
- [0021] And in the process which carries out sewing of the bag body, since sewing of the bending portion for forming **** will be carried out simultaneously, the effect of the formation for which it becomes unnecessary to perform special sewing for forming ****, and waits being easy, and being easy to create it is acquired.
- [0022] Moreover, since **** will be formed when only the one half needed to wait folds up a bending portion to the 1st base up etc., by changing the amount of folding of a bending portion, the magnitude for which it waits simply can be changed and the bag body with which depth differs can be created easily.
- [0023] A wash network according to claim 2 can be created with the following procedures.
- [0024] (i) The 2nd base is first folded up on the 1st base.
- [0025] (ii) The closing motion member which makes a bag mouth is prepared between the edge of the 1st base, and the edge of the 2nd base after that.
- [0026] (iii) Only the one half needed to wait folds up the bending portion of the 1st base and the 2nd base to either on the 1st base or the 2nd base after that.
- [0027] (iv) The top stitching of the 1st base folded up by doing in this way after that, the 2nd base, and the edges-on-both-sides section with a bending portion is carried out. Thereby, a bag body is created.
- [0028] (v) Next, it is ***** about the front reverse side of the bag body created by doing in this way. Then, a bending portion is in the condition which entered in the bag body, and it will be folded up from the condition currently folded up to either on the 1st base or the 2nd base between the 1st base and the 2nd base.
- [0029] (vi) If a bag body is opened after that, the ends portion of the bending portion currently folded up between the 1st base and the 2nd base will be formed in the shape of a triangle, and **** will be formed in a bag body of breadth and this.
- [0030] Thus, a bag body with the depth equipped with **** can be easily created by folding up and carrying out sewing of the one cloth, without passing through the troublesome fabrication process of judging two or more configuration pieces like before, and sewing this up according to the wash network according to claim 2.
- [0031] And in the process which carries out sewing of the bag body, since sewing of the bending portion for forming **** will be carried out simultaneously, in order to form ****, the effect of the formation for which it becomes unnecessary to perform special sewing and waits being easy, and being easy to create it is acquired.
- [0032] Moreover, since **** will be formed more only for the one half needed to wait to fold up a bending portion to either on the 1st base or the 2nd base, by changing the amount of folding of a bending portion, the magnitude for which it waits simply can be changed and the bag body with which depth differs can be created easily.
- [0033] Moreover, compared with the wash network according to claim 1 mentioned above, a part with few bending portions and the advantage of being easy to create are also acquired.
- [0034] A wash network according to claim 3 can be created with the following procedures.
- [0035] (i) The 2nd base is first folded up on the 1st base.
- [0036] (ii) Sewing of the edges of the 1st base and the 2nd base is carried out after that.
- [0037] (iii) Only the one half needed to wait folds up this sewing portion and the bending portion of the 1st base and the 2nd base to either on the 1st base or the 2nd base after that.

[0038] (iv) While carrying out the top stitching of the 1 side edge section of the 1st base folded up by doing in this way after that, the 2nd base, a sewing portion, and a bending portion, the other side edge section is connected by the closing motion member which can be opened and closed and which makes a bag mouth. Thereby, a bag body is created.

[0039] (v) Next, it is ***** about the front reverse side of the bag body created by doing in this way. Then, from the condition currently folded up to either on the 1st base or the 2nd base, it is in the condition which entered in the bag body, and will be folded up by a sewing portion and the bending portion between the 1st base and the 2nd base, respectively.

[0040] (vi) If a bag body is opened after that, the ends portion of a sewing portion and the ends portion of a bending portion which were folded up between the 1st base and the 2nd base will be formed in the shape of a triangle, and **** will be formed in a bag body of breadth and this.

[0041] Thus, a bag body with the depth equipped with **** can be easily created by folding up and carrying out sewing of the one cloth, without passing through the troublesome fabrication process of judging two or more configuration pieces like before, and sewing this up according to the wash network according to claim 3.

[0042] And in the process which carries out sewing of the bag body, since sewing of the bending portion for forming **** will be carried out simultaneously, in order to form ****, the effect of the formation for which it becomes unnecessary to perform special sewing and waits being easy, and being easy to create it is acquired.

[0043] Moreover, since **** will be formed when only the one half needed to wait folds up a sewing portion and a bending portion to either on the 1st base or the 2nd base, by changing the amount of folding of a sewing portion and a bending portion, the magnitude for which it waits simply can be changed and the bag body with which depth differs can be created easily.

[0044] A wash network according to claim 4 can be created with the following procedures.

[0045] (i) First, sewing of the edge of the 2nd base and the edge of the 3rd base is carried out, and an endless-like object is formed.

[0046] (ii) The 2nd base and 3rd base are folded up on the 1st base by making this endless-like object flat after that.

[0047] (iii) Next, while only the one half needed to wait folds up the bending portion of the 1st base and the 2nd base to up to the 1st base or the 2nd base, only the one half needed to wait folds up the bending portion of the 1st base and the 3rd base to up to the 1st base or the 3rd base.

[0048] (iv) While carrying out the top stitching of the 1st base folded up by doing in this way after that, the 2nd base, the 3rd base, and the 1 side edge section with said two bending portions, the other side edge section is connected by the closing motion member which can be opened and closed and which makes a bag mouth. Thereby, a bag body is created.

[0049] (v) Next, it is ***** about the front reverse side of this bag body. Then, the bending portion in the condition of having been folded up on the 1st base or the 2nd base is in the condition which entered in the bag body, and it will be folded up between the 1st base and the 2nd base. Moreover, the bending portion in the condition of having been folded up on the 1st base or the 3rd base is in the condition which entered in the bag body, and it will be folded up between the 1st base and the 3rd base.

[0050] (vi) A bag body is opened after that. Then, the ends portion of a bending portion is formed in the shape of a triangle, and **** is formed in a bag body of breadth and this.

[0051] Thus, a bag body with the depth equipped with **** can be easily created by folding up and carrying out sewing of the one cloth, without passing through the troublesome fabrication process of judging two or more configuration pieces like before, and sewing this up according to the storage bag according to claim 4.

[0052] And in the process which carries out sewing of the bag body, since sewing of the bending portion for forming **** will be carried out simultaneously, in order to form ****, the effect of the formation for which it becomes unnecessary to perform special sewing and waits being easy, and being easy to create it is acquired.

[0053] Moreover, since **** will be formed when only the one half needed to wait folds up a bending portion to the 1st base up etc., by changing the amount of folding of two bending portions, the magnitude for which it waits simply can be changed and the bag body with which depth differs can be created easily.

[0054] According to the wash network according to claim 5, the following operation effects are acquired.

[0055] If a wash network is fed into a washer, it will be rubbed according to the stream of a washer. Thereby, contaminants, such as waste thread, come out from the washing contained in the bag.

[0056] According to the wash network according to claim 5, in a wash network according to claim 1, 2, 3, or 4, since the cloth used for a wash network has the texture of the degree which does not let waste thread pass, out of a bag, the waste thread which came out of the washing in a bag leaks, and does not come. Therefore, the waste thread which came out of the washing in a bag is not attached to other washing in laundry sink.

[0057] On the other hand, when a wash network is rubbed within laundry sink, wash water mainly invades in a bag from the front face of a bag center section, and is in the inclination mainly discharged out of a bag through a corner in a bag.

[0058] By the flow of such wash water, the waste thread which came out of the washing in a bag moves more often toward a corner in a bag.

[0059] On the other hand, if the washing is contained with a wash network, a wash network swells. ends portions, such as a bending portion by which only the one half needed to wait was folded up, will spread in the shape of a triangle, and a triangle-like pocket will be formed in the corner of a bag body. By this, the waste thread which has moved toward a corner will flow into this pocket with wash water, and will be collected in a pocket. And since the portion which spread in the shape of [of a pocket] a triangle is close to the 1st base near the corner etc., the washing stops easily being able to contact the waste thread which the washing contained in the bag stopped being able to enter easily in a pocket, and gathered for the pocket.

[0060] Therefore, waste thread etc. and the washing will be separated within a bag and the washing contained in the wash network can be washed finely.

[0061]

[Embodiment of the Invention] Hereafter, the gestalt of operation of this invention is explained with reference to a drawing.

[0062] <gestalt of the 1st operation> drawing 1 shows the gestalt of implementation of the 1st of the wash network concerning this invention -- a fluoroscopy perspective diagram and drawing 2 (a) are explanatory drawings in which front view and drawing 2 (b) showed the b-b end-of-line side Fig. of drawing 2 (a), and the amplification end view of a fastener mounting area and drawing 3 (a) - (h) showed the creation procedure of a wash network as for drawing 2 (c) a part. In addition, f-f end view | in / in drawing 3 (f) / drawing 3 (e)] and drawing 3 (h) are the h-h end view in drawing 3 (g).

[0063] As shown in drawing 1, the wash network of the gestalt of this operation has the 1st base 1, the 2nd base 2, and the 3rd base 3, and is formed by folding up and carrying out sewing of these. 9 and 9 were formed in the both-sides sections 1c and 1c of a bag body -- it waits and comes out. 1d and 1d, it is a triangular area for waiting and forming 9 and 9, and as it mentions later, it is formed in corner 9a of the four corners of a bag body. 4 is a fastener as a closing motion member which makes a bag mouth.

[0064] Such a wash network that waited and was equipped with 9 and 9 is created in the following procedures.

[0065] (i) First, as shown in drawing 3 (a), the cloth 10 cut out by the rectangle is prepared. A material with the texture of the degree which there is water flow nature and does not let waste thread pass as cloth 10, for example, the cloth equipped with a fine mesh etc., is adopted.

[0066] (ii) As shown in drawing 3 (b), the edges 2a and 3a of the 2nd base 2 and the 3rd base 3 are connected through a fastener 4, and an endless-like object is formed. In addition, if it has another way of speaking, an endless-like object will be formed by connecting the ends edge of cloth 10 with a fastener. As shown in drawing 2 (c), it is turned up, and sewing of the edge 3a of the 3rd base 3 is carried out so that rear-face 4c of a fastener 4 may be covered, and it is making the role of a wrap bonnet piece for the background of a fastener 4. In addition, 4a and 4b are bias tape.

[0067] (iii) Next, as shown in drawing 3 (c), the 2nd base 2 and 3rd base 3 are folded up on the 1st base 1 by making this endless-like object flat. And as shown in drawing 3 (c) and (d), while only the one half L needed to wait folds up the bending portion 5 of the 1st base 1 and the 2nd base 2 on the 2nd base 2, only the one half L needed to wait folds up the bending portion 6 of the 1st base 1 and the 3rd base 3 on the 3rd base 3.

[0068] (iv) -- the edges-on-both-sides sections 1a and 1a of the 1st base 1 folded up by doing in this way, the 2nd base 2, the bending portion 5, and the bending portion 6 are shown in drawing 3 (e) -- as -- bias tape 7 and 7 -- reliance -- *** -- sewing is carried out. Moreover, sewing also of the tongue 8 is carried out together in this case. Thereby, as shown in drawing 3 (e) and (f), the bending portion 5 is folded up on the 2nd base 2, and the bag body with which the 2nd bending portion 6 was folded up is formed on the 3rd base 3.

[0069] (v) Next, it is ***** about the front reverse side of this bag body. Then, as shown in drawing 3 (g) and (h), the bending portion 5 is in the condition which entered in the bag body, and it will be folded up between the 1st base 1 and the 2nd base 2. Moreover, similarly, the bending portion 6 is in the condition which entered in the bag body, and it will be folded up between the 1st base 1 and the 3rd base 3.

[0070] (vi) A bag body is opened after that. Then, while the bending portion 5 currently folded up between the 1st base 1 and the 2nd base 2 spreads, the bending portion 6 currently folded up between the 1st base 1 and the 3rd base 3 spreads.

[0071] As shown in drawing 3 (e), in this case, the both ends 5a and 5a of the bending portion 5 Since it is sewn on the edges-on-both-sides sections 1a and 1a and the both ends 6a and 6a of the bending portion 6 are also sewn on the edges-on-both-sides sections 1a and 1a If a bag body spreads, as the ends portions (near portion of both ends) 5b and 5b of the bending portion 5 and the ends portions 6b and 6b of the bending portion 6 show drawing 1, breadth and 1d of triangular areas for waiting and forming 9 and 9 will be formed in the shape of a triangle, respectively.

[0072] A wash network with the depth which waited and was equipped with 9 and 9 by this is formed.

[0073] A bag body with the depth which waited and was equipped with 9 and 9 can be easily created by folding up and carrying out sewing of the one cloth 10, without passing through the troublesome fabrication process of judging two or more configuration pieces like before, and sewing this up according to the wash network of the gestalt of this operation mentioned above.

[0074] And since sewing of the bending portions 5 and 6 for waiting and forming 9 and 9 simultaneously in the process which carries out sewing of the bag body will be carried out, it becomes unnecessary to perform special sewing for waiting and forming 9 and 9, and waits, and the effect of formation of 9 and 9 being easy and being easy to create it is acquired.

[0075] Moreover, since it will wait and 9 and 9 will be formed by folding up only the one half L of the part needed which waits for the bending portions 5 and 6 to the 2nd base 2 up one etc., by changing the amount of folding of the bending portions 5 and 6, the magnitude for which it waits simply can be changed and the bag body with which depth differs can be created easily.

[0076] Furthermore, since cloth 10 has the texture of the degree which does not let waste thread pass according to the wash network of the gestalt of this operation, the following operation effects are acquired.

[0077] That is, when a wash network is fed into a washer, it will be rubbed according to the stream of a washer and contaminants, such as waste thread B, will come out from the washing W contained in the bag. However, since it has the texture of the degree to which the cloth 10 used for a wash network does not let waste thread pass, it is lost that the waste thread B which came out of the washing W in a bag leaks and comes out of a bag. Therefore, the effect that the waste thread B which came out of the washing W in a bag is not attached to other washing in laundry sink is acquired.

[0078] On the other hand, when a wash network is rubbed within laundry sink, wash water mainly invades in a bag from the front face of the bag center section A, and is in the inclination mainly discharged out of a bag through corner 9a of a bag body.

[0079] By the flow of such wash water, the waste thread B which came out of the washing W in a bag moves more often toward corner 9a in a bag.

[0080] A wash network will swell, if Washing W is contained as shown in drawing 1, the ends portions 5b, 5b, 6b, and 6b of the bending portions 5 and 6 spread in the shape of a triangle, respectively, and 1d of triangular areas is formed in corner 9a, respectively (to a total of eight places). Since they will spread in the shape of a triangle as are shown in drawing 1 and 4, and they are turned up along with flank 1c of a bag body if 1d of triangular areas explains what is formed in the upper left section of a bag body Between 1d of this triangular area, and the 1st base 1 and the 2nd base 2, triangle-like 1 [pocket 5d] and 5d2 will be formed bordering on side edge section 1a, respectively (setting to drawing 4 pocket 5d only 1 side graphic display). Such pocket 5d1 and 5d2 are similarly formed in corner 9a of the upper right portion of a bag body. Moreover, also in corner 9a of the left lower right section of a bag body, triangle-like 1 [pocket 6d] and 6d2 will be formed, respectively between 1d of triangular areas, and the 1st base 1 and the 3rd base 3.

[0081] By this, the waste thread B which has moved toward corner 9a will flow into these pocket 5d1, 5d2, 6d1, and 6d2 with wash water, and will be collected in a pocket.

[0082] moreover -- each -- the washing W contained in the bag in each pocket since pocket 5d1 and 1d of triangular areas which form 2 [5d2 or 6d1 or 6d2] were close to the 1st base 1 near the corner 9a, or the 2nd base 2 grade, respectively -- entering -- being hard -- Washing W stops easily being able to contact the waste thread B which gathered in the pocket

[0083] Therefore, waste thread B etc. and Washing W will be separated within a bag, and the effect that the washing W contained in the wash network can be washed finely is acquired.

[0084] <gestalt of the 2nd operation> drawing 5 shows the gestalt of implementation of the 2nd of the wash network concerning this

invention -- fluoroscopy perspective diagram and drawing 6 (a) - (g) is explanatory drawing showing the creation procedure of a wash network a part. In addition, e-e end view [in / in drawing 6 (e) / drawing 6 (d)] and drawing 6 (g) are the g-g end view in drawing 6 (f). [0085] The place where the wash network of the gestalt of this operation differs from the wash network of the gestalt of operation of the above 1st is in the point that the triangular areas 11b and 11b for waiting and forming 12 and 12 are formed only in the lower part side of a bag body.

[0086] In drawing 5, 11 is a wash network, it waits in the both-sides sections 11a and 11a, and 12 and 12 are formed in them. 11b and 11b are the triangular areas for waiting and forming 12 and 12, and are prepared in the lower part of the both-sides sections 11a and 11a. Such a wash network 11 that waited and was equipped with 12 and 12 is created in the following procedures.

[0087] (i) First, as shown in drawing 6 (a), the cloth 13 cut out by the rectangle is prepared. In this drawing, 13a is the 1st base and the 2nd base which 13b followed the end of this 1st base 13a, and was prepared.

[0088] (ii) Next, as shown in drawing 6 (b), 2nd base 13b is folded up on 1st base 13a. Then, the fastener 4 which makes a bag mouth is formed between 13d of edges of 1st base 13a, and edge 13e of 2nd base 13b.

[0089] (iii) As shown in drawing 6 (b) and (c) after that, only the one half L needed to wait folds up the bending portion 14 of 1st base 13a and 2nd base 13b on 2nd base 13b.

[0090] (iv) -- the edges-on-both-sides sections 13c and 13c with the bending portion 14 are indicated to be 1st base 13a folded up by doing in this way after that, and 2nd base 13b to drawing 6 (d) -- as -- the bias tape 15 -- reliance -- **** -- a top stitching is carried out. Thereby, as shown in drawing 6 (d) and (e), the bag body with which the bending portion 14 was folded up on 2nd base 13b is created.

[0091] (v) Next, it is ***** about the front reverse side of this bag body. Then, as shown in drawing 6 (f) and (g), the bending portion 14 is in the condition which entered in the bag body, and it will be folded up between 1st base 13a and 2nd base 13b.

[0092] (vi) A bag body is opened after that. Then, the bending portion 14 currently folded up between 1st base 13a and 2nd base 13b spreads. As shown in drawing 6 (d), in this case, the ends edges 14a and 14a of the bending portion 14 Since the top stitching is carried out to the edges-on-both-sides sections 13c and 13c of 1st base 13a and 2nd base 3b, when a bag body spreads, the ends portions 14b and 14b of the bending portion 14 As shown in drawing 5, breadth and the triangular areas 11b and 11b for waiting and forming 12 and 12 are formed in the shape of a triangle by making Crownings 14c and 14c into top-most vertices. Thereby, it waits to the flank of a bag body and 12 and 12 are formed.

[0093] Thus, a bag body with the depth which waited and was equipped with 12 and 12 can be easily created by folding up and carrying out sewing of the one cloth 13, without passing through the troublesome fabrication process of judging two or more configuration pieces like before, and sewing this up according to the wash network of the gestalt of this operation.

[0094] And since sewing of the bending portion 14 for waiting and forming 12 and 12 simultaneously in the process which carries out sewing of the bag body will be carried out, it becomes unnecessary to perform special sewing for waiting and forming 12 and 12, and waits, and the effect of formation of 12 and 12 being easy and being easy to create it is acquired.

[0095] Moreover, since it will wait and 12 and 12 will be formed when it waits for the bending portion 14 and only the one half L of the part of 12 and 12 needed folds it up to the 2nd base 13b up etc., by changing the amount of folding of the bending portion 14, it can wait easily, the magnitude of 12 and 12 can be changed, and the bag body with which depth differs can be created easily.

[0096] Furthermore, according to the wash network of the gestalt of this operation, the operation effect which the wash network of the gestalt of operation of the above 1st explained by the way, and the same operation effect are acquired by adopting a thing with the texture of the degree which does not let waste thread pass as cloth 13.

[0097] It is lost that the waste thread B which came out of the washing W in a bag leaks and comes out of a bag, and the waste thread B which came out of the washing W in a bag stops namely, attaching to other washing in laundry sink.

[0098] On the other hand, a total of four pocket 11C 11C [1 and]2 of the shape of same triangle as what the gestalt of implementation of the above 1st explained to corner 9a of a bag body by the way will be formed, and the waste thread B which has moved to this pocket 11C 11C [1 and]2 toward corner 9a according to the stream from the bag body center section A will be collected.

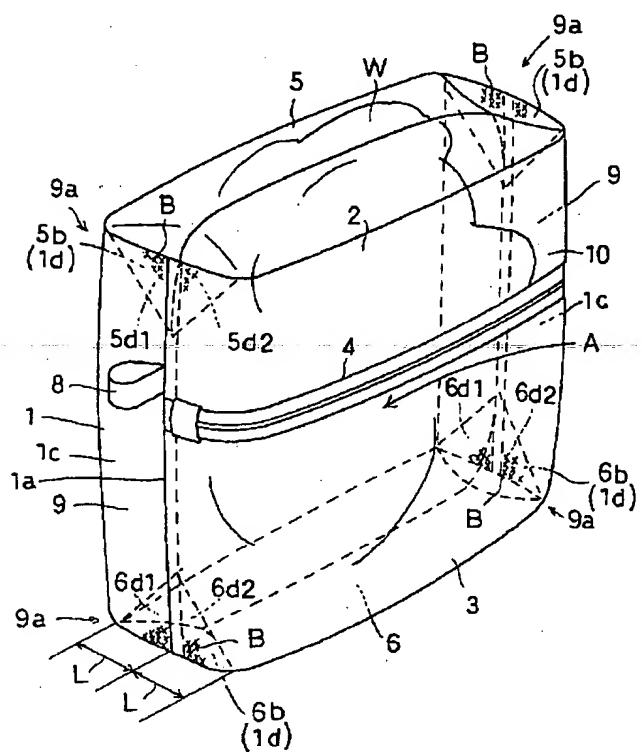
[0099] Moreover, since 11d of triangular areas which form each pocket 11C 11C [1 and]2 is close to 1st base 13a near the corner 9a, or 2nd base 13b, respectively, Washing W stops easily being able to contact the waste thread B which the washing W contained in the bag stopped being able to enter easily in a pocket, and gathered in the pocket.

[0100] Therefore, waste thread B etc. and Washing W will be separated within a bag, and the effect that the washing W contained in the wash network can be washed finely is acquired.

[0101] <gestalt of the 3rd operation> drawing 7 shows the gestalt of implementation of the 3rd of the wash network concerning this invention -- fluoroscopy perspective diagram and drawing 8 (a) - (g) is explanatory drawing having shown the creation procedure of a wash network a part. In addition, e-e end view [in / in drawing 8 (e) / drawing 8 (d)] and drawing 8 (g) are the g-g end view in drawing 8 (f).

[0102]

Drawing selection Representative drawing



[Translation done.]